

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/576,094
Source: IFwp
Date Processed by STIC: 1/18/07

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/576,094

DATE: 01/18/2007
TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J576094.raw

3 <110> APPLICANT: Roche Molecular Systems
 5 <120> TITLE OF INVENTION: Method for Distinguishing CBF-Positive AML Subtypes from
 6 CBF-Negative AML Subtypes
 8 <130> FILE REFERENCE: 22336-US
 10 <140> CURRENT APPLICATION NUMBER: US 10/576,094
 C--> 11 <141> CURRENT FILING DATE: 2006-04-13
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012474
 14 <151> PRIOR FILING DATE: 2003-11-04
 16 <160> NUMBER OF SEQ ID NOS: 239
 18 <170> SOFTWARE: PatentIn version 3.4
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 491
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: misc_feature
 28 <223> OTHER INFORMATION: n = any nucleotide
 30 <400> SEQUENCE: 1

? no n's shown in this sequence -
see pp 1, 6
Does Not Comply
Corrected Diskette Needed

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33	aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt	120
35	aacagaggtg gtggccatag aggacgttgg ggattcaata tgcgtgggtgg aaatttcaga	180
37	ggaggagccc ctggaatcg tggcggatata aataggaggg gcaacatgcc acagagaggt	240
39	ggtggcggtg gaggaatgtgg tggaatcgcc tatccataacc ctcgtgcccc tgttttcct	300
41	ggccgtggta gttactcaaa cagagggAAC tacaacacagag gtggaatgcc caacagaggg	360
43	aactacaacc agaacttcag aggacgagga aacaatcgtg gctacaaaaa tcaatctcag	420
45	ggctacaacc agtggcagca gggtaattc tgggtcaga agccatggag tcagcattat	480
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51	<211> LENGTH: 307	
52	<212> TYPE: DNA	
53	<213> ORGANISM: Homo sapiens	
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58	cgctttctac actgtattac ataaataaaat taaataaaat aaccccccggc aagacttttc	120
60	tttgaaggat gactacagac ataaataaaat cgaagtaatt ttgggtgggg agaagaggca	180
62	gattcaattt tcttaacca gctcgaagtt tcatttatga taaaaaaaat gataaaaatg	240
64	gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt	300
66	gtcttca	307
69	<210> SEQ ID NO: 3	
70	<211> LENGTH: 519	
71	<212> TYPE: DNA	
72	<213> ORGANISM: Homo sapiens	
74	<400> SEQUENCE: 3	

RAW SEQUENCE LISTING DATE: 01/18/2007
 PATENT APPLICATION: US/10/576,094 TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt
 Output Set: N:\CRF4\01182007\J576094.raw

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77 aagaaaaata catccaaata aagactttat tattaacaga ccagatagca tcagaaatca     120
79 tgtgactgtt atgattatca gaatatgtot taactttta gggcaaagg aacactgaaa     180
81 gttctagctt aagtgtgaa acctttgtgg gaaaaaaaaa tcactttga aactcagact     240
83 tcagtgtata cccaataatt taaaattatg tgaaatgtt taaatttgc aactcgtaat     300
85 tactgttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct     360
87 ttatattcaa tatgatgtgc ctgtaaacca aggagtttc cccgtttgt aaaaagacatt     420
89 gtagataatt gaatgttga ttttagaaag gtcattagtt tcttgttaca cattttgtta     480
91 gtctggttt tggtgcttat cggtttaat attgttctt                           519

94 <210> SEQ ID NO: 4
95 <211> LENGTH: 140
96 <212> TYPE: DNA
97 <213> ORGANISM: Homo sapiens
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104 cctcagtgact ttgcagaaaaa                                         140
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108 <211> LENGTH: 425
109 <212> TYPE: DNA
110 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 5
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115 ccttttatac tgatctgtga ttaaagcagt aatattttaa gatggactgg gaaaaacatc     120
117 aactcctgaa gttagaaaata agaatggttt gtaaaatcca cagctatatac ctgatgctgg     180
119 atggattaa tcttgttag tcttcactg gttagtgtga aatagttctg ccacctctga     240
121 cgcaccactg ccaatgtgt acgtactgca tttgcccctt gagccaggtg gatgttacc     300
123 gtgtgttata taacttcctg gtccttcac tgaacatgcc tagtccaaca tttttccca     360
125 gtgagtcaaa tcctggatc cagtgtataa atccaatatac atgtctgtg cataattctt     420
127 ccaaa                                         425
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131 <211> LENGTH: 454
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133 <213> ORGANISM: Homo sapiens
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138 gtgggtgtct tggcccgct tctcgcccaa cagcagcaac cctatcatcg tctcctgtgg     120
140 ctgggacaag ctggcaagg tatggAACCT ggcttaactgc aagctgaaga ccaaccacat     180
142 tggccacaca ggctatctga acacgggtac tgtctctcca gatggatccc tctgtgttc     240
144 tggaggcaag gatggccagg ccatgtttagt ggatctcaac gaaggcaaac acctttacac     300
146 gtagatggt ggggacatca tcaacgcctt gtgcctcage cctaaccgct actggctgtg     360
148 tgctgccaca ggcgcagca tcaagatctg ggatttagag ggaaagatca ttgttagatga     420
150 actgaagcaa gaagtatca gtaccagcag caag                                         454
153 <210> SEQ ID NO: 7
154 <211> LENGTH: 373
155 <212> TYPE: DNA
156 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 7
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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/576,094

DATE: 01/18/2007
 TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt
 Output Set: N:\CRF4\01182007\J576094.raw

161	agggacggag ccggactgga catggtaact cagtaccgcc tgca	gtgtcg ccatgactga	120
163	tcatggctct tgcattttt ggtaaatgga gacttccgga tcctgtcagg gtgtccccca		180
165	tgccttggaaag aggagcttgt ggctgccagc cctggcggcg gcacagcctg ggcctcccct		240
167	tccctcaagc cagggttcct ctcctgtcg tgggctcatt tgccaggctc aggcaggc		300
169	tggacagctg tgacttcct caagccagga ctaccgacca gccggctatg ggcacattac		360
171	gtgaccactg gcc		373
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175	<211> LENGTH: 494		
176	<212> TYPE: DNA		
177	<213> ORGANISM: Homo sapiens		
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180	agtccgaca ggacggcat tgattacaac ggggaacgca cgctggatgg ttttaagaaa		60
182	tcccttagaga gcggtgccca agatggggca ggggatgttgc acgacctcgaa ggacctcgaa		120
184	gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg		180
186	taataacgcaa agccggaccc gggcgctgcc gagacccctc gggggctgca caccagcag		240
188	cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag		300
190	gaacctctct gaagtgcacac ctcaccccta cacaccgtcc gttcacccccc gtctcttcct		360
192	tctgcttttgc gtttttggaa aaaccggat cctactctag gcagcccacc ttggtggct		420
194	tgtttcctga aaccatgatg tacttttca tacatgagtc tgtccagagt gcttgctacc		480
196	gtgttcggag tctc		494
199	<210> SEQ ID NO: 9		
200	<211> LENGTH: 434		
201	<212> TYPE: DNA		
202	<213> ORGANISM: Homo sapiens		
204	<400> SEQUENCE: 9		
205	cctacttcgg tatctatgac actgcaaagg gaatgcttcc ggatccaaag aacactcaca		60
207	tgcgtcatcg ctggatgatc gcacagactg tcactgtgt tgccgggttgc acttcctatc		120
209	catttgacac cgttcgccgc cgcatgtga tgca	gtcagg	180
211	tgtacacagg cacgcttgac tgctggcgga agattgtcg tgatgaagga ggcaaagctt		240
213	ttttcaaggg tgcatggtcc aatgttctca gaggcatggg tgggtctttt gtgttgtct		300
215	tgtatgtga aatcaagaag tacacataag ttatttccta ggattttcc ccctgtgaac		360
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223	<211> LENGTH: 416		
224	<212> TYPE: DNA		
225	<213> ORGANISM: Homo sapiens		
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230	tgcagggtctt ctccttctct gtcttttggaa gaaccaggcc tcttctcagg ggctctagg		120
232	actgccaggc tgtttcagcc aggaaggccaa aatcaagag tgagatgttag aaatgttcaa		180
234	aatagaaaaaa gtggagttgg tgaatcggtt gttcttcctt cacatggta tgattgtcat		240
236	aaggtttttgc atgtttctt ctttttctt accctccctt ttgttctctt attaatcaag		300
238	agaaaacttca aagttaatgg gatggtcggat tctcacaggc tgagaactcg ttcacctcca		360
240	agcatttcat gaaaaagctg cttcttattatcataaaaa ctctcaccat gatgtg		416
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244	<211> LENGTH: 415		
245	<212> TYPE: DNA		
246	<213> ORGANISM: Homo sapiens		

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/576,094

DATE: 01/18/2007

TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt

Output Set: N:\CRF4\01182007\J576094.raw

248 <400> SEQUENCE: 11
 249 accccttgtg aagcccaaga tcgtaaaaaa gagaaccaag aagttcatcc ggaccaggc 60
 251 agaccgatat gtcaaaaattt agcgtaactg gcggaaaccc agaggcattt acaacagggt 120
 253 tcgttagaaga ttcaaggccc agatcttgat gccccacatt ggttatggaa gcaacaaaaa 180
 255 aacaaagcac atgctgccc gtggcttccg gaagttcctg gtccacaacg tcaaggagct 240
 257 ggaagtgcgt ctgatgtgca acaaatttta ctgtccgag atcgctcaca atgtttcctc 300
 259 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc 360
 261 caatgccagg ctgcgcagtg aagaaaatga gttaggcagct catgtgcacg ttttc 415
 264 <210> SEQ ID NO: 12
 265 <211> LENGTH: 423
 266 <212> TYPE: DNA
 267 <213> ORGANISM: Homo sapiens
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 272 aaggaaaaaa agaaaaaaac ttatctttt gcccattttt tgaattttcc actctttcat 120
 274 taattttgttt taagctcctg ttggaaaaaa agggtagtg cattttaaat tgaccttcat 180
 276 acgcttttaa aataagacaa atctacttga taatgtacct ttatgtatc tcaagttgt 240
 278 taaaaccaat aaattttgtt tactgcagta gtaatcttgc gcacacgggtt atttcatgtt 300
 280 atatatgcaa agtaggcac tggggatctt gttacagaag tttcaagctt cactttgtg 360
 282 cagtagaaac aaaagtaggc tacagtctgt gccatgttgc tgtacagttt ctgaaattgt 420
 284 ttt
 287 <210> SEQ ID NO: 13
 288 <211> LENGTH: 358
 289 <212> TYPE: DNA
 290 <213> ORGANISM: Homo sapiens
 292 <400> SEQUENCE: 13
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 295 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggaccca gccaatcg 120
 297 atcggcggac gcccatttacc gtggtaagc aaggcttgc gcctccctcc tttgtggct 180
 299 ggttccttgg ctggatgtat gattacttgtt ctgtggaccc cttggacagg gccatggctg 240
 301 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggAAC 300
 303 tgccttccc tcaaagggc ctttagagcga gcagagcgc tctgctatga gtgtgtgt 358
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 307 <211> LENGTH: 529
 308 <212> TYPE: DNA
 309 <213> ORGANISM: Homo sapiens
 311 <400> SEQUENCE: 14
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 316 aggggtctcg gacagaattt ttaccacagc aaaggcataa gatgcttgc acgaaaaatc 180
 318 agaaaacttta ctctttgtt gcagatagtc atcaatggct ctgtaaaaac gcagaggaaa 240
 320 agagccagaa ggtttctgtt taatgcattt tgccttatct ttttttattt ctgtgtacaa 300
 322 agatTTTTTt acacaaagaa acttaatgtt gtattaataa attcagttgtg tagcttcaat 360
 324 tgggatagtt caaaaagtga agatTTTGTG aggaataagt gcaaattttt ttttttattt 420
 326 aaaaaattttt ttgaaactct taagtcttg tgtctgcaat gaaattgtac tccttgacag 480
 328 ttgatagatt atgtattctt ccatccctca aacttgcatt ccactatata 529
 331 <210> SEQ ID NO: 15
 332 <211> LENGTH: 529
 333 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 01/18/2007
 PATENT APPLICATION: US/10/576,094 TIME: 12:10:10

Input Set : E:\22336-Sequence Listing.txt
 Output Set: N:\CRF4\01182007\J576094.raw

334 <213> ORGANISM: Homo sapiens
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 339 ggctgcccga atttgcaca ataagtacat ggtaaaaagt tgtggcaaag atggcttcca 120
 341 tatccgggtg cggctccacc cttccacgt catccgcata aacaagatgt tgcctgtgc 180
 343 tggggctgac aggctccaaa caggcatgcg aggtgcctt ggaaagcccc agggcactgt 240
 345 ggccagggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga 300
 347 gcatgtgatt gaggccctgc gcagggccaa gttcaagtt cctggccgcc agaagatcca 360
 349 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc 420
 351 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct 480
 353 ggacaagtgg cggccctgc actcatgagg gcttccaatg tgctgcccc 529
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 357 <211> LENGTH: 393
 358 <212> TYPE: DNA
 359 <213> ORGANISM: Homo sapiens
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 366 cgggctgctg tagcaggaga ggtggcaga atgattgctg gccaggttt agatattaac 180
 368 ctggctgcag agccaaaagt gaaccgagga aaagcagggtg tgaaacgatc tgcaagcgag 240
 370 atgtacggct cctctttga cttggactat gacttcaac gggactatta tgataggatg 300
 372 tacagttacc cagcacgtt acctcctctt cctcctattt ctgggctgt agtgcctcg 360
 374 aaacgtcagc gtgtatcagg aaacacttca cga 393
 377 <210> SEQ ID NO: 17
 378 <211> LENGTH: 496
 379 <212> TYPE: DNA
 380 <213> ORGANISM: Homo sapiens
 382 <400> SEQUENCE: 17
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 387 ctttaagtt tagcccaat atagggtaat ggaatttcc tgccctctgg gttccccatt 180
 389 ttactattt agaagaccag tgataattt ataatgccac caactctggc ttagttaagt 240
 391 gagagtgtga actgtgtggc aagagagcct cacacccac taggtgcaga gagcccgagc 300
 393 cttatgttaa aatcatgcac ttgaaaagca aacottaatc tgcaaagaca gcagcaagca 360
 395 ttatacggtc atcttgaatg atccctttga aattttttt ttgtttgtt gtttaatca 420
 397 agcctgaggc tggtaacag tagctacaca cccatattgt gtgttctgtg aatgcttagct 480
 399 ctcttgaatt tggata 496
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 403 <211> LENGTH: 534
 404 <212> TYPE: DNA
 405 <213> ORGANISM: Homo sapiens
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 412 cctctaccaa atccaaaag tcacaggta tggcttccct caaccttccct gctgtgtcat 180
 414 ggaagatgaa ggcaccagag aaaaagccat tggtaagag agagaaacag gatgagacac 240
 416 agaccaagat taaacggca tctcagaaga agcacgtgaa cccggcgcag gccctcagcg 300
 418 agttcaaagc tatggacagc atctaagtct gcccaggccg gcccggccca cccctcgcccc 360
 420 ctccctgaata tcagtcactg ttcgtcactc aatgaattt gctaaataca acactgatac 420

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/18/2007
PATENT APPLICATION: US/10/576,094 TIME: 12:10:11

KJ
Input Set : E:\22336-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J576094.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/576,094

DATE: 01/18/2007
TIME: 12:10:11

Input Set : E:\22336-Sequence Listing.txt
Output Set: N:\CRF4\01182007\J576094.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
M:341 Repeated in SeqNo=26
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
M:341 Repeated in SeqNo=33
L:936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
M:341 Repeated in SeqNo=55
L:1684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
M:341 Repeated in SeqNo=165
L:4503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:180
M:341 Repeated in SeqNo=191
L:4947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
M:341 Repeated in SeqNo=216